#### PATENT COOPERATION TREATY

### From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

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### **PCT**

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

IMPORTANT NOTIFICATION

Date of Mailing (day/month/year)

30 APR 1998

Applicant's or agent's file reference

42390.P3314
International application No.

International filing date (day/month/year)

Priority Date (day/month/year)

PCT/US96/20516

**17 DECEMBER 1996** 

19 DECEMBER 1995

Applicant

INTEL CORPORATION

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

#### 4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

MO DOCKETING

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BLAKELY, SOKOLOFF, TAYLOR & 74FMAN LOS ANGELES

therby) Than

Name and mailing address of the IPEA/US

Commissioner of Patents and Trademarks

Washington, D.C. 20231

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Parshotam S. Lall

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Form PCT/IPEA/416 (July 1992)\*

## PATENT COOPERATION TREATY

# **PCT**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 42390.P3314  FOR FURTHER ACTION See Notification of Transmittal of Preliminary Examination Report (Form PCT)		cation of Transmittal of International Examination Report (Form PCT/IPEA/416)					
International application No.	International filing date (day/month/year)		Priority date (day/month/year)				
PCT/US96/20516	17 DECEMBER 1996		19 DECEMBER 1995				
International Patent Classification (IPC) or national classification and IPC IPC(6): G06F 7/22 and US Cl.: 395/569, 570, 378, 678							
Applicant INTEL CORPORATION							
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.							
2. This REPORT consists of a	total of <u></u> sheets.						
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).							
These annexes consist of a to	tal of C sheets.						
3. This report contains indication	ns relating to the following ite	ms:					
I X Basis of the repo	п						
II Priority							
· 🗀 ·	of report with regard to no	eltv. invent	ive step or industrial applicability				
		,					
IV Lack of unity of		جامبيم عد اس	inventive eten or industrial applicability:				
V X Reasoned statement citations and expla	nations supporting such statemen	nd to novelly ant	, inventive step or industrial applicability;				
VI Certain documents cited							
VII Certain defects in t	he international application						
VIII Certain observation	s on the international application	าก					
·							
Date of submission of the demand	Date	of completion	of this report				
03 JULY 1997		7 APRIL 199	8				
Name and mailing address of the IPEA/US		Authorized officer					
Commissioner of Patents and Trademarks Box PCT		for Parshotam S. Lall Henly Than					
Washington, D.C. 20231 Facsimile No. (703) 305-3230	Telep	hone No.	(703) 305-9715				

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/US96/20516

1. Basis of the report						
1. This report has been drawn on the basis of (Substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments):						
	x	the international	l application as originally filed.			
	X	the description,	pages 1-130 , as originally filed.			
			pages NONE , filed with the demand.			
			pages NONE , filed with the letter of			
			pages, filed with the letter of			
	Γx	the claims,	Nos. 1-16 , as originally filed.			
		,	Nos. NONE , as amended under Article 19.			
			Nos. NONE , filed with the demand.			
			Nos. NONE , filed with the letter of			
			Nos, filed with the letter of			
	X	the drawings,	sheets/fig 1-20 , as originally filed.			
	<u>C.</u>	J	sheets/fig NONE , filed with the demand.			
		•	sheets/fig NONE , filed with the letter of			
			sheets/fig, filed with the letter of			
	X X	the claims,	Nos. NONE sheets/fig NONE			
This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Bex Additional observations below (Rule 70.2(c)).						
4. Additional observations, if necessary:  NONE						
		•				

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/US96/20516

. STATEMENT			
Novelty (N)	Claims	1-16	_ YE
	Claims	NONE	_ NO
Inventive Step (IS)	Claims	NONE	_ YE
	Claims	1-16	_ NO
Industrial Applicability (IA)	Claims	1-16	_ YE
industrial Application (1A)	Claims	NONE	_ NO
data stored in the first storage area [see col.	entions that pac	cked data is being operated upon, however the type of data	being
As to claim 2, Sharangpani disclose a third circuit for clearing a top of sec col. 7, line 54 to col. 8, line 4].  As to claim 3, Sharangpani disclose	cs: stack pointer res cs: (Significand) p	sponsive to receipt of the first instruction or the second instruction and a corresponding exponent portion, and the packetig. 4, unit 32 and col. 7, lines 36-53].	ructio

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/US96/20516

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes 1 - VIII

Sheet 10

#### V. 2. REASONED STATEMENTS - CITATIONS AND EXPLANATIONS (Continued):

As to claim 4. Sharangpani discloses:

a circuit for setting the corresponding exponent portion to a predetermined value upon performing the operation upon packed data stored in the first storage area [see fig. 4, unit 32 and col. 7, lines 36-53].

As to claim 5, Sharangpani discloses:

the plurality of tags includes two bits [see col. 8, lines 41-50].

As to claim 6, Sharangpani discloses:

the setting of only the plurality of tags to an empty state includes setting the two bits to a set state (see col. 8, line 45-46).

As to claim 7, Sharangpani discloses:

the setting of only the plurality of tags to a non-empty state includes setting both of the two bits to other than set state [see col. 8, line 41-42].

As to claim 8, it does not teach or define above the invention claimed in claim 1, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 1, supra.

As to claim 9, it does not teach or define above the invention claimed in claim 1, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 1, supra.

As to claim 10, it does not teach or define above the invention claimed in claim 2, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 2, supra.

As to claims 11-12, they do not teach or define above the invention claimed in claim 3, and are therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 3, supra.

As to claim 13, it does not teach or define above the invention claimed in claim 4, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 4, supra.

As to claim 14, it does not teach or define above the invention claimed in claim 5, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 5, supra.

As to claim 15, it does not teach or define above the invention claimed in claim 6, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 6, supra.

As to claim 16, it does not teach or define above the invention claimed in claim 7, and is therefore lacks inventive step under Sharangpani for the same reasons set fourth in claim 7, supra.

 NONE	NEW CITATIONS	***************************************